

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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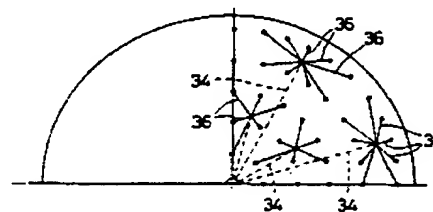
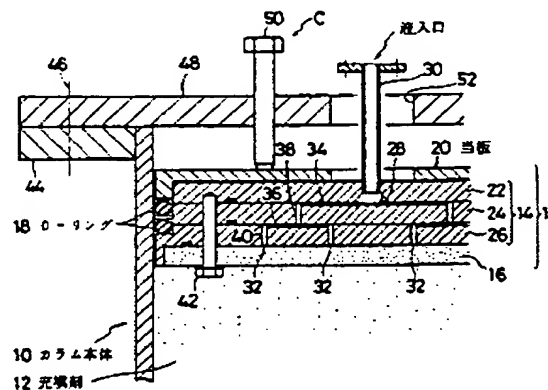
APPLICATION DATE : 13-01-87  
APPLICATION NUMBER : 62005700

APPLICANT : KURITA WATER IND LTD;

INVENTOR : KANAMORI SHUNICHI;

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TITLE : LIQUID DISPERSION PLATE FOR  
LIQUID CHROMATOGRAPHIC  
COLUMN



ABSTRACT : PURPOSE: To shorten the retention time of a liquid with a small path capacity while dispersing the liquid uniformly, by arranging a first path radially from a first opening provided at the center of a plate surface and a second path radially from a top of the first path.

CONSTITUTION: A dispersion plate 14 is made up of three plates 22, 24 and 26. The first plate 22 is provided with a first opening 28 for inflow of liquid at the center, and the second plate 24 with a first path 34 extending radially from the first opening 28 and with a through hole 38. The third plate 26 is provided with a second path extending radially starting from the tip of the first path 34 and with a through hole 40. When a liquid flows into the dispersion plate 14 from a pipe 30, it reaches respective second openings via the first opening 28, the first path 34, the through hole 38, the second path 36 and the through hole 40 and flows out to a porous plate 16. This enables uniform dispersion of a liquid.

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